

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013925.D
 Acq On : 02 Mar 2023 16:49
 Operator : CG/JU
 Sample : 01739-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1-COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 17:26:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	92024	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	369235	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	230920	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	557776	20.000	ng	0.00
76) Chrysene-d12	21.569	240	564586	20.000	ng	# 0.00
86) Perylene-d12	24.115	264	684067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	797704	142.865	ng	0.00
7) Phenol-d6	7.252	99	1011502	141.447	ng	0.00
23) Nitrobenzene-d5	9.269	82	732008	107.055	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	553836	164.762	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1720129	97.841	ng	0.00
79) Terphenyl-d14	20.022	244	3010089	102.578	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	99576	41.030	ng	# 46
3) Pyridine	3.911	79	254162	38.848	ng	98
4) n-Nitrosodimethylamine	3.811	42	139174	56.763	ng	85
6) Aniline	7.416	93	152159	16.376	ng	96
8) 2-Chlorophenol	7.658	128	302540	51.369	ng	96
9) Benzaldehyde	7.228	77	133315m	39.185	ng	
10) Phenol	7.275	94	357433	48.020	ng	90
11) bis(2-Chloroethyl)ether	7.510	93	291345	48.908	ng	96
12) 1,3-Dichlorobenzene	7.981	146	319551	48.253	ng	96
13) 1,4-Dichlorobenzene	8.134	146	324199	48.464	ng	99
14) 1,2-Dichlorobenzene	8.452	146	313803	50.253	ng	98
15) Benzyl Alcohol	8.340	79	302700m	60.332	ng	
16) 2,2'-oxybis(1-Chloropr...	8.622	45	319129m	50.153	ng	
17) 2-Methylphenol	8.540	107	258347	51.004	ng	94
18) Hexachloroethane	9.187	117	118739	50.673	ng	94
19) n-Nitroso-di-n-propyla...	8.905	70	242366	57.908	ng	96
20) 3+4-Methylphenols	8.869	107	350415	51.400	ng	96
22) Acetophenone	8.928	105	482836	51.845	ng	95
24) Nitrobenzene	9.310	77	367849	51.552	ng	97
25) Isophorone	9.840	82	656460	49.820	ng	98
26) 2-Nitrophenol	10.028	139	165627	49.186	ng	# 89
27) 2,4-Dimethylphenol	10.081	122	274822	49.871	ng	96
28) bis(2-Chloroethoxy)met...	10.316	93	388794	46.222	ng	99
29) 2,4-Dichlorophenol	10.563	162	317541	53.708	ng	97
30) 1,2,4-Trichlorobenzene	10.781	180	327864	47.257	ng	98
31) Naphthalene	10.969	128	939264	46.398	ng	99
32) Benzoic acid	10.210	122	132932	32.433	ng	93
33) 4-Chloroaniline	11.087	127	28398	3.341	ng	96
34) Hexachlorobutadiene	11.251	225	222550	48.271	ng	99
35) Caprolactam	11.875	113	83041	43.992	ng	95
36) 4-Chloro-3-methylphenol	12.193	107	333099	50.561	ng	94
37) 2-Methylnaphthalene	12.569	142	675806	46.118	ng	97
38) 1-Methylnaphthalene	12.787	142	632667	46.131	ng	99
40) 1,2,4,5-Tetrachloroben...	12.934	216	402315	48.309	ng	99
41) Hexachlorocyclopentadiene	12.910	237	451800	102.135	ng	98
43) 2,4,6-Trichlorophenol	13.169	196	273566	52.511	ng	99

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44) 2,4,5-Trichlorophenol	13.245	196	292573	47.252	ng	97
46) 1,1'-Biphenyl	13.569	154	896298	48.022	ng	99
47) 2-Chloronaphthalene	13.616	162	693805	48.792	ng	98
48) 2-Nitroaniline	13.816	65	210313	51.800	ng	93
49) Acenaphthylene	14.457	152	1065447	47.534	ng	99
50) Dimethylphthalate	14.187	163	898633	47.823	ng	100
51) 2,6-Dinitrotoluene	14.304	165	196816	47.913	ng	91
52) Acenaphthene	14.798	154	645737	47.342	ng	99
53) 3-Nitroaniline	14.640	138	65958	16.791	ng	93
54) 2,4-Dinitrophenol	14.845	184	188956	70.618	ng	92
55) Dibenzofuran	15.134	168	1053312	46.412	ng	97
56) 4-Nitrophenol	14.940	139	305405	90.926	ng	# 80
57) 2,4-Dinitrotoluene	15.092	165	268984	48.623	ng	90
58) Fluorene	15.781	166	844685	47.468	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	272940	51.204	ng	98
60) Diethylphthalate	15.545	149	883541	48.220	ng	99
61) 4-Chlorophenyl-phenyle...	15.769	204	459747	47.683	ng	96
62) 4-Nitroaniline	15.804	138	187312	42.880	ng	# 81
63) Azobenzene	16.063	77	827743	49.931	ng	95
65) 4,6-Dinitro-2-methylph...	15.857	198	141840	37.208	ng	94
66) n-Nitrosodiphenylamine	15.987	169	743211	43.990	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	315887	47.982	ng	99
68) Hexachlorobenzene	16.786	284	367405	51.124	ng	97
69) Atrazine	16.939	200	309832	53.788	ng	98
70) Pentachlorophenol	17.134	266	472229	89.127	ng	99
71) Phenanthrene	17.528	178	1481695	47.418	ng	100
72) Anthracene	17.622	178	1436888	45.988	ng	99
73) Carbazole	17.886	167	1302224	46.295	ng	99
74) Di-n-butylphthalate	18.416	149	1543923	46.848	ng	99
75) Fluoranthene	19.480	202	1777520	45.632	ng	99
77) Benzidine	19.657	184	300080	27.054	ng	99
78) Pyrene	19.833	202	1872152	48.524	ng	99
80) Butylbenzylphthalate	20.686	149	720055	52.509	ng	96
81) Benzo(a)anthracene	21.551	228	1969653	48.718	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	301832	23.730	ng	99
83) Chrysene	21.610	228	1849282	47.216	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1062443	49.695	ng	99
85) Di-n-octyl phthalate	22.416	149	1938865	50.894	ng	99
87) Indeno(1,2,3-cd)pyrene	26.815	276	2642469	49.657	ng	96
88) Benzo(b)fluoranthene	23.333	252	2146223	49.608	ng	# 99
89) Benzo(k)fluoranthene	23.386	252	2158711	49.155	ng	98
90) Benzo(a)pyrene	24.004	252	1920667	45.920	ng	99
91) Dibenzo(a,h)anthracene	26.827	278	2209490	49.557	ng	97
92) Benzo(g,h,i)perylene	27.639	276	2168054	49.177	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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